Reply to Office Action of July 21, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:** 

1. (Currently Amended) A method of driving a plasma display panel having an active

area for displaying a picture and a non-display area being adjacent thereto at the upper and lower

sides of the active area, wherein an initialization signals are applied to at least one partial ones of

scan electrodes at the active area and at least two partial ones of dummy electrodes positioned

within the non-display area are during an initialization period of at least one sub-field and the

initialization signal of the at least two dummy electrodes and the initialization signal of the at

least one scan electrode are similar in shapedriven with an identical signal.

2. (Currently Amended) The method as claimed in claim 1A method of driving a

plasma display panel having an active area for displaying a picture and a non-display area being

adjacent thereto at the upper and lower sides of the active area, wherein an initialization signals

are applied to at least one of scan electrodes at the active area and at least two dummy electrodes

positioned within the non-display area during an initialization period of at least one sub-field and

the initialization signal of the at least two dummy electrodes and the initialization signal of the at

least one scan electrode are similar in shape, wherein said at least partial ones of the one other

Docket No. YHK-0107

dummy electrodes electrode at the non-display area and at least one of sustain electrodes at the

active area are supplied with a direct current voltage during at least a partial period of anthe

initialization period for initializing cells and during at least a partial period of an address period

for selecting said cells.

3. (Currently Amended) The method as claimed in claim 1, wherein an initializing

waveform for initializing the entire cells is applied to the at least partial ones of the dummy

electrodes at the non-display area and the scan electrodes at the active area during the

initialization period, and a direct current voltage voltages is are applied to the at least two partial

ones of the dummy electrodes at the non-display area and the at least one of the scan electrodes

at the active area during at least a partial period of an address period of the at least one sub-field,

and a scan signal is further provided to the at least one of the scan electrodes at the active area

during at least a partial period the address period of the at least one sub-field.

4. (Currently Amended) A driving apparatus for a plasma display panel having an

active area for displaying a picture and a non-display area being adjacent thereto at the upper and

lower sides of the active area, said apparatus comprising:

a driver for driving at least partial ones one of scan-electrodes at the active area

and at least partial ones of two dummy electrodes positioned within the non-display area, with an

identical signal said driver including a scan driver to apply initialization signals to the at least one

dummy electrode positioned within the non-display area and the at least one scan electrode at

the active area during an initialization period of the at least one sub-field, wherein the

initialization signal of the at least two dummy electrodes and the initialization signal of the at

least one scan electrode are similar in shape.

5. (Currently Amended) The driving apparatus as claimed in claim 4, wherein said

driver further includes:

a sustain driver for applying a direct current voltage voltages to said at least partial

ones of the one other dummy electrodes electrode at the non-display area and at least one of

sustain electrodes at the active area during at least a partial period of an the initialization period

for initializing cells and during at least a partial period of an address period for selecting said cells

of the at least one sub-field.

6. (Currently Amended) The driving apparatus as claimed in claim 4, wherein said

driver includes: a the scan driver further applies for applying an initializing waveform for

initializing the entire cells to the at least partial ones of the dummy electrodes at the non-display

area and the sean electrodes at the active area during an initialization period and for applying a

direct current voltage voltages to the at least two partial ones of the dummy electrodes at the

Amendment dated November 21, 2005

Reply to Office Action of July 21, 2005

non-display area and the at least one of the scan electrodes at the active area during at least a

partial period of an address period of the at least one sub-field, and a scan signal is further

provided to the at least one of the scan electrodes at the active area during at least a partial

period of the address period of the at least one sub-field.

7. (Currently Amended) The method as claimed in claim 43, wherein said at least

partial ones one of the scan electrodes and the at least ones two of the dummy electrodes receive

similar signals during part of an initialization period and receive a similar direct current voltage

voltages during at least partial period of an address period.

8. (Currently Amended) The method as claimed in claim 1, wherein at least partial

ones one of the sustain electrodes and at least ones of the one other dummy electrodes electrode

receive similar signals direct current voltages during part at least a partial period of an the

initialization period and part during at least a partial period of an address period.

9. (Currently Amended) The driving apparatus as claimed in claim 46, wherein said

driver includes a scan driver to apply applies similar signals direct current voltages to said at least

partial ones one of the scan electrodes and the at least ones two of the dummy electrodes during

part of an initialization period and during at least part a partial period of an address period.

- driver includes a sustain driver to apply applies similar signals direct current voltages to at least partial ones one of sustain electrodes and at least ones of the one other dummy electrodes electrode during part at least a partial period of an the initialization period and part at least a partial period of an address period.
- 11. (Currently Amended) A plasma display driving method comprising:

  applying first signals to scan electrodes of a plasma display panel; and

  applying second signals to first dummy electrodes of the plasma display panel, the
  second signals being substantially identical to the first signals, wherein each of the first signals is
  provided to a corresponding scan electrode, and each of the second signals is provided to a
  corresponding first dummy electrode, and a waveform of the first signal and a waveform of the
  second signal provided during an initialization period are substantially the same.
  - 12. (Canceled)
- 13. (Currently Amended)The plasma display driving method of claim 1211, wherein a waveform of the first signal and a waveform of the second signal provided during an address

period are substantially the same except for a scan waveform being provided within the waveform of the first signal, and wherein a waveform of the first signal and a waveform of the

second signal provided during a sustain period are substantially the same.

14. (Currently Amended) The plasma display driving method of claim 11, further

comprising:

applying third signals to sustain electrodes of the plasma display panel; and

applying fourth signals to second dummy electrodes, the third signals being

substantially identical to the fourth signals during part of an initialization period and during part

of an address period.

15. (Currently Amended) The plasma display driving method of claim 14, wherein the

third signals applied to the sustain electrodes and the fourth signals applied to the second

dummy electrodes include a direct current voltage applied during part at least a partial period of

the initialization period and part-at least a partial period of the address period.

16 (New) The method of claim 1, wherein one of the at least two dummy electrodes

is provided in an upper non-display area and the other is provided in a lower non-display area.

Serial No. 10/614,166 Amendment dated November 21, 2005 Reply to Office Action of July 21, 2005 Docket No. YHK-0107

(New) The driving apparatus of claim 4, wherein one of the at least two dummy electrodes is provided in an upper non-display area and the other is provided in a lower non-display area.